

FIG.1

Registration Mobile Node to Home Agent regivest Authentication Extension

206

Registration Mobile Node to Home Agent reply Motor Motor To Home Agent Authentication Extension

208 210 212 214

Tyre= Length Regionater Authenticator Authenticator

K

216

Protected Area

FIG.2

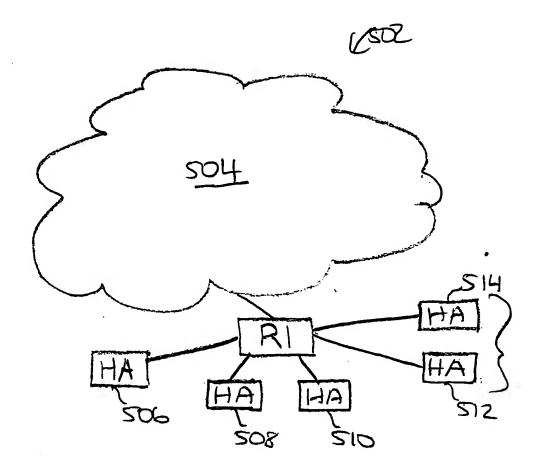
305 STHICT MN constructs registration request including resilected area MN generates authenticator by hashing protected area with Icely MN sends reg. request (protected area and authenticator) to HA 308 HA identifies key, algorithm, etc. from of the registration request HA generates authemicans by 312 hashing preserved area with the key using the algorithm identified by the SPI 320 ruthentication metrich cuthomicated Authenticated

8º (,

FIG.3

406 _410 2111ر SPI replay Key algorithm mode eigi, RSA Key 1 timestamp) IPAUS SPIZ e.g., 12A timestamp2 Keyz IPAHIS SPI3 e.g., 125A Key3 timestamp3 IPaddMI SPIN keyni Vicynstamin

FIG.4



F1G, 5

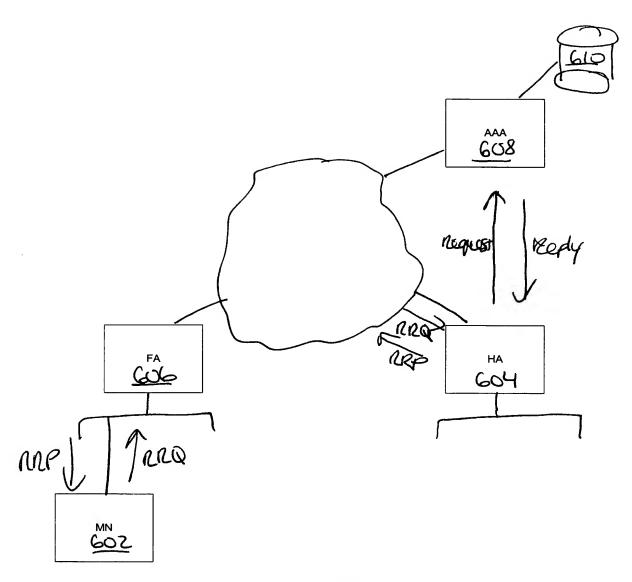
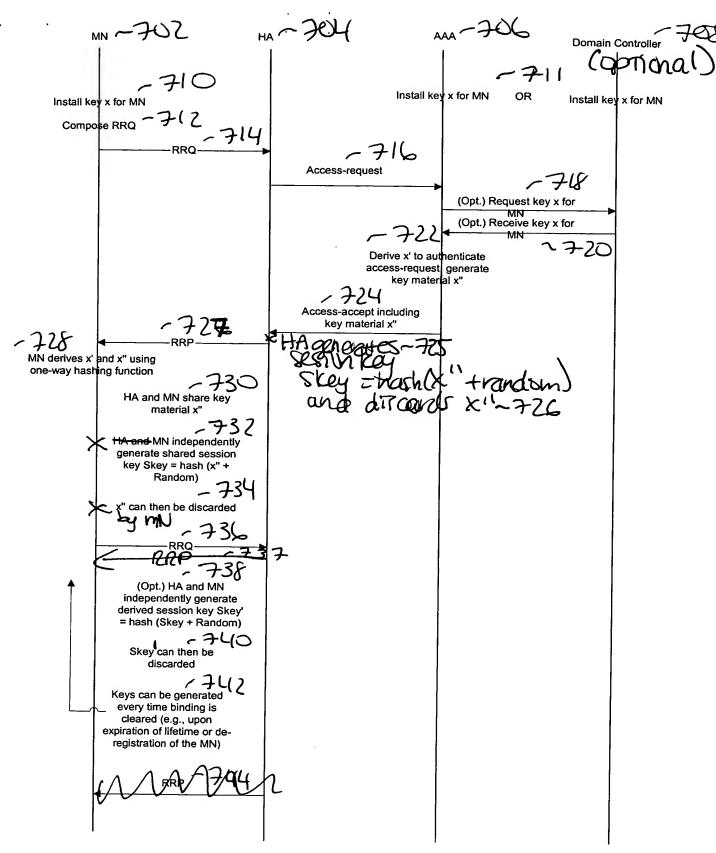
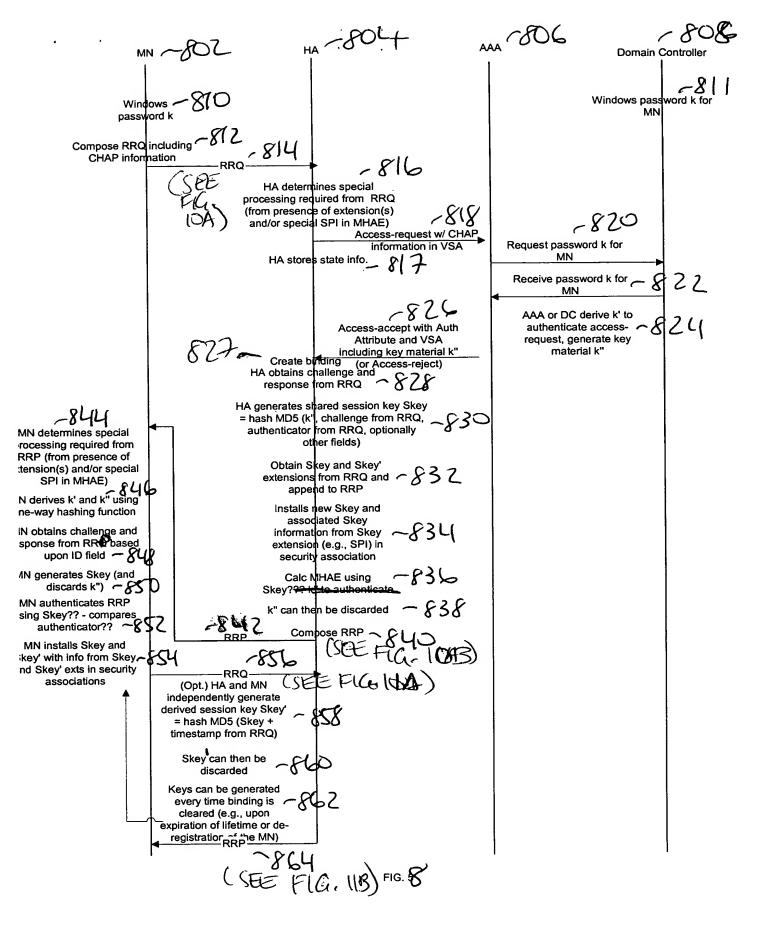
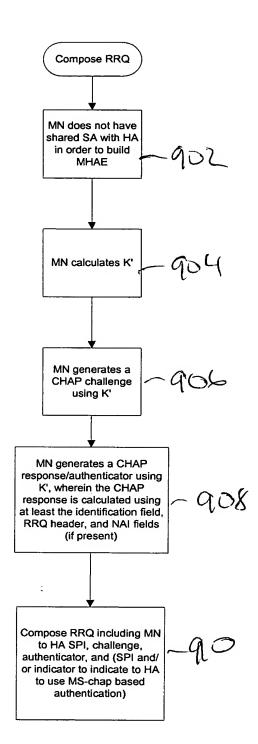


FIG.







L100

11012 11014 1101L -1010 S'-Key extension S-Key extension 1002 1004 including SPI2, Authenticator/ RRQ including SPI1, MHAE with replay protection, NAI challenge Challenge Auth protocol and algorithm header replay protection, sp cific SPI response and algorithm THIS SENT IN

FIG. 10 A

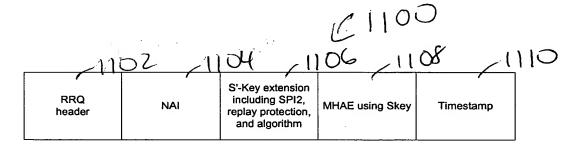


FIG. FIG.

1017

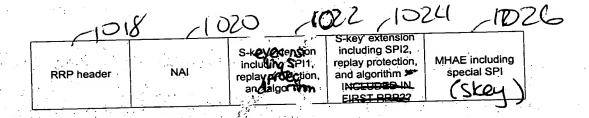


FIG. FIG. 10B

C1120

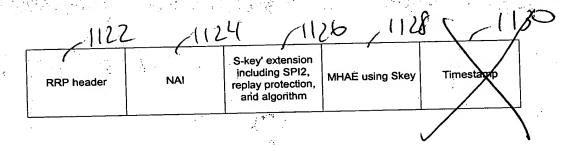


FIG. H B

